GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:575
ANSWERED ON:04.12.2003
GENERATION OF ELECTRICITY BY GARBAGE
YEMPARALA VENKATESWARA RAO

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether garbage dumped everyday in the cities and towns can be used for making electricity and biogas;

(b) if so, whether the Government have identified areas for effective disposal of garbage by making use of it;

(c) whether the electricity and biogas are produced from the waste across the country;

(d) if so, the details thereof; and

(e) the steps are being taken to make it compulsory in all the areas for effective disposal of garbage?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a): The biodegradable and combustible components segregated from the garbage can be used for production of biogas and electricity through processes such as bio-methanation, combustion, pyrolysis, gasification, etc.

(b), (c) & (d) : The Ministry of Non-Conventional Energy Sources is implementing a National Programme on Energy Recovery from Urban and Industrial Wastes to promote setting up of projects for recovery of energy namely biogas and electricity from urban and industrial wastes. The scheme is applicable for all states and Union Territories. Projects with a total installed capacity of about 40.70 MW equivalent have been installed so far in the country. This includes a 5 MW plant at Lucknow and a 6 MW plant at Hyderabad, based on city/municipal wastes.

(e): The Ministry of Environment & Forests, Government of India has notified the Municipal Solid Wastes (Management and Handling) Rules, 2000 under the Environmental (Protection) Act.As per these rules, every municipal authority shall, within the territorial area of the municipality, be responsible for implementation of the provisions of the rules, and for any infrastructure development for collection, storage, segregation, transportation, processing and disposal of municipal solid wastes.